

## SGCN and Conservation Actions Associated with Habitat Groupings

### Habitat Grouping: Grassland-shrubland-early Successional

**Macrogroup** Ruderal Shrubland & Grassland

**Habitat System** Introduced Shrubland

**Habitat System** Powerline Right-of-Way

**Habitat System** Ruderal Upland - Old Field

**Macrogroup** Agricultural

**Habitat System** Pasture-Hay

**Macrogroup** Maintained Grasses and Mixed Cover

**Habitat System** Urban & Recreational Grasses

### Species Associated with this Grouping

Total SGCN: 1: 11 2: 25 3: 21

Total SGCN (primary habitat): 1: 2 2: 1 3: 5

Class	<i>Amphibia</i> (Amphibians)	SGCN Category
Species	<i>Ambystoma laterale</i> (Blue-spotted Salamander)	2
Species	<i>Lithobates pipiens</i> (Northern Leopard Frog)	2
Class	<i>Aves</i> (Birds)	SGCN Category
Species	<i>Ammodramus savannarum</i> (Grasshopper Sparrow)	1
Species	<i>Antrostomus vociferus</i> (Eastern Whip-poor-will)	2
Species	<i>Ardea herodias</i> (Great Blue Heron)	2
Species	<i>Asio flammeus</i> (Short-eared Owl)	2
Species	<i>Asio otus</i> (Long-eared Owl)	3
Species	<i>Bartramia longicauda</i> (Upland Sandpiper)	1
Species	<i>Botaurus lentiginosus</i> (American Bittern)	3
Species	<i>Buteo platypterus</i> (Broad-winged Hawk)	3
Species	<i>Chaetura pelagica</i> (Chimney Swift)	2
Species	<i>Chordeiles minor</i> (Common Nighthawk)	3
Species	<i>Circus cyaneus</i> (Northern Harrier)	3
Species	<i>Cistothorus platensis</i> (Sedge Wren)	1
Species	<i>Falco sparverius</i> (American Kestrel)	3
Species	<i>Hirundo rustica</i> (Barn Swallow)	2
Species	<i>Pipilo erythrophthalmus</i> (Eastern Towhee)	2
Species	<i>Progne subis</i> (Purple Martin)	2
Species	<i>Riparia riparia</i> (Bank Swallow)	1
Species	<i>Scolopax minor</i> (American Woodcock)	3
Species	<i>Setophaga pensylvanica</i> (Chestnut-sided Warbler)	2
Species	<i>Setophaga ruticilla</i> (American Redstart)	2
Species	<i>Sturnella magna</i> (Eastern Meadowlark)	2
Species	<i>Tachycineta bicolor</i> (Tree Swallow)	2
Species	<i>Toxostoma rufum</i> (Brown Thrasher)	2
Species	<i>Tyto alba</i> (Barn Owl)	3
Species	<i>Vermivora cyanoptera</i> (Blue-winged Warbler)	2
Class	<i>Insecta</i> (Insects)	SGCN Category
Species	<i>Atrytonopsis hianna</i> (Dusted Skipper)	3
Species	<i>Bombus affinis</i> (Rusty-patched Bumble Bee)	1
Species	<i>Bombus ashtoni</i> (Ashton's Cuckoo Bumble Bee)	2
Species	<i>Bombus citrinus</i> (Lemon Cuckoo Bumble Bee)	3

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Species	<i>Bombus fernaldae</i> (Fernald's Cuckoo Bumble Bee)	3
Species	<i>Bombus fervidus</i> (Yellow Bumble Bee)	3
Species	<i>Bombus griseocollis</i> (Brown-belted Bumble Bee)	3
Species	<i>Bombus pensylvanicus</i> (American Bumble Bee)	2
Species	<i>Callophrys gryneus</i> (Juniper Hairstreak)	2
Species	<i>Cupido amyntula maritima</i> (Western Tailed Blue)	3
Species	<i>Danaus plexippus</i> (Monarch)	3
Species	<i>Erynnis brizo</i> (Sleepy Duskywing)	2
Species	<i>Hemaris gracilis</i> (Graceful Clearwing)	3
Species	<i>Hemileuca lucina</i> (New England Buckmoth)	3
Species	<i>Hesperia metea</i> (Cobweb Skipper)	3
Species	<i>Lycaena dorcas claytoni</i> (Clayton's Copper)	2
Species	<i>Ophiogomphus colubrinus</i> (Boreal Snaketail)	1
Species	<i>Ophiogomphus howei</i> (Pygmy Snaketail)	2
Species	<i>Paonias astylus</i> (Huckleberry Sphinx)	3
Species	<i>Satyrium edwardsii</i> (Edwards' Hairstreak)	2
Species	<i>Satyrium titus</i> (Coral Hairstreak)	3
Species	<i>Thorybes bathyllus</i> (Southern Cloudywing)	3

<b>Class</b>	<b><i>Mammalia</i> (Mammals)</b>	<b>SGCN Category</b>
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Species	<i>Sylvilagus transitionalis</i> (New England Cottontail)	1
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<b>Class</b>	<b><i>Reptilia</i> (Reptiles)</b>	<b>SGCN Category</b>
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Species	<i>Clemmys guttata</i> (Spotted Turtle)	1
Species	<i>Coluber constrictor constrictor</i> (Northern Black Racer)	1
Species	<i>Emydoidea blandingii</i> (Blanding's Turtle)	1
Species	<i>Glyptemys insculpta</i> (Wood Turtle)	1
Species	<i>Storeria dekayi dekayi</i> (Northern Brownsnake)	2
Species	<i>Terrapene carolina carolina</i> (Eastern Box Turtle)	2
Species	<i>Thamnophis sauritus</i> (Eastern Ribbon Snake)	2

### Habitat Stressors:

Habitat-specific stressors are assigned to the Habitat Macrogroup(s) listed in the Habitat Grouping above. Habitat Macrogroup reports can be found in Maine's 2015 Wildlife Action Plan: Element 2, Table 2-3. Click on the Habitat Macrogroup of interest to launch a habitat based report summarizing relevant stressors and associated SGCN.

### Conservation Actions Assigned to this Habitat Grouping:

<b>Conservation Action</b>	<b>Category:</b> Habitat Management	<b>Biological Priority:</b> critical	<b>Type:</b> on-going
Promote management of grasslands, shrublands, and early successional SGCN habitats on conservation lands, wildlife management areas, etc.			

#### Stressor(s) Addressed By This Conservation Action

Annual and Perennial Non-timber crops, Other Ecosystem Modifications

<b>Conservation Action</b>	<b>Category:</b> Habitat Management	<b>Biological Priority:</b> high	<b>Type:</b> new
Focus conservation of grassland, shrub, and early successional SGCN habitat in areas not in conflict with landowner economics and are compatible with existing management practices			

#### Stressor(s) Addressed By This Conservation Action

Annual and Perennial Non-timber crops, Commercial and Industrial Areas , Housing and Urban Areas

## SGCN and Conservation Actions Associated with Habitat Groupings

### Habitat Grouping: Grassland-shrubland-early Successional

<b>Conservation Action</b>	<b>Category:</b> Habitat Management	<b>Biological Priority:</b> high	<b>Type:</b> on-going
Encourage conservation of grass/shrub habitats using a variety of voluntary approaches			
<b>Stressor(s) Addressed By This Conservation Action</b>			
Annual and Perennial Non-timber crops, Commercial and Industrial Areas , Housing and Urban Areas, Utility and Service			
<b>Conservation Action</b>	<b>Category:</b> Habitat Management	<b>Biological Priority:</b> moderate	<b>Type:</b> on-going
Promote Integrated Pest Management to reduce pesticide use in blueberry barrens			
<b>Stressor(s) Addressed By This Conservation Action</b>			
Annual and Perennial Non-timber crops			
<b>Conservation Action</b>	<b>Category:</b> Habitat Management	<b>Biological Priority:</b> moderate	<b>Type:</b> on-going
Work collaboratively with partners to develop best management practices for retaining a shrub component around agricultural fields			
<b>Stressor(s) Addressed By This Conservation Action</b>			
Annual and Perennial Non-timber crops			
<b>Conservation Action</b>	<b>Category:</b> Policy	<b>Biological Priority:</b> high	<b>Type:</b> new
Research the practicality and feasibility of term easements for grassland, shrub, and early-successional SGCN habitats			
<b>Stressor(s) Addressed By This Conservation Action</b>			
Annual and Perennial Non-timber crops, Utility and Service Lines, Housing and Urban Areas			
<b>Conservation Action</b>	<b>Category:</b> Policy	<b>Biological Priority:</b> high	<b>Type:</b> new
Establish formal assurance agreements for landowners managing for SGCN (e.g., Safe Harbor Agreements) in grassland, shrub, and early successional habitats			
<b>Stressor(s) Addressed By This Conservation Action</b>			
Annual and Perennial Non-timber crops, Housing and Urban Areas, Utility and Service Lines			
<b>Conservation Action</b>	<b>Category:</b> Policy	<b>Biological Priority:</b> high	<b>Type:</b> on-going
Support habitat incentive programs by providing additional technical assistance for SGCN habitat management in grasslands, shrublands, and early-successional habitats			
<b>Stressor(s) Addressed By This Conservation Action</b>			
Annual and Perennial Non-timber crops, Housing and Urban Areas, Utility and Service Lines			
<b>Conservation Action</b>	<b>Category:</b> Policy	<b>Biological Priority:</b> moderate	<b>Type:</b> new
Work with municipalities/towns to reduce conflicts that impede needed habitat management in grasslands, shrublands, and early successional SGCN habitat			
<b>Stressor(s) Addressed By This Conservation Action</b>			
Annual and Perennial Non-timber crops, Commercial and Industrial Areas , Housing and Urban Areas, Utility and Service			
<b>Conservation Action</b>	<b>Category:</b> Policy	<b>Biological Priority:</b> moderate	<b>Type:</b> on-going
Provide better forgone income incentives (e.g., deferred harvest of hay, deferred grazing of portions of pasture, harvest trees earlier than usual) to encourage grassland, shrub, and early successional habitat management practices beneficial to SGCN			
<b>Stressor(s) Addressed By This Conservation Action</b>			
Annual and Perennial Non-timber crops			
<b>Conservation Action</b>	<b>Category:</b> Public Outreach	<b>Biological Priority:</b> moderate	<b>Type:</b> new
Reinforce and acknowledge good management practices by utility companies along utility corridors that contain grasslands, shrublands, and early successional SGCN habitats			
<b>Stressor(s) Addressed By This Conservation Action</b>			
Utility and Service Lines			

## SGCN and Conservation Actions Associated with Habitat Groupings

### Habitat Grouping: Grassland-shrubland-early Successional

<b>Conservation Action</b>	<b>Category:</b> Public Outreach	<b>Biological Priority:</b> moderate	<b>Type:</b> new
Establish and promote demonstration areas highlighting habitat management for grassland, shrub, and early successional SGCN			
<b>Stressor(s) Addressed By This Conservation Action</b>			
Annual and Perennial Non-timber crops, Housing and Urban Areas, Commercial and Industrial Areas , Utility and Service			
<b>Conservation Action</b>	<b>Category:</b> Public Outreach	<b>Biological Priority:</b> moderate	<b>Type:</b> on-going
Promote community and land trust stewardship of grassland, shrub, and early-successional SGCN habitats through outreach programs			
<b>Stressor(s) Addressed By This Conservation Action</b>			
Housing and Urban Areas, Commercial and Industrial Areas			
<b>Conservation Action</b>	<b>Category:</b> Public Outreach	<b>Biological Priority:</b> moderate	<b>Type:</b> on-going
Target outreach to Soil Water Conservation Districts, Maine Farmland Trust, landowners, and others on the importance of grasslands, shrublands, and early successional SGCN habitats			
<b>Stressor(s) Addressed By This Conservation Action</b>			
Annual and Perennial Non-timber crops, Housing and Urban Areas			
<b>Conservation Action</b>	<b>Category:</b> Public Outreach	<b>Biological Priority:</b> moderate	<b>Type:</b> on-going
Incorporate more public outreach information on multiple species (e.g., not just New England Cottontail) that are declining due to lack of suitable grassland, shrub, or early successional habitat			
<b>Stressor(s) Addressed By This Conservation Action</b>			
Annual and Perennial Non-timber crops, Commercial and Industrial Areas , Housing and Urban Areas, Roads and Railroads, Utility and Service Lines			
<b>Conservation Action</b>	<b>Category:</b> Public Outreach	<b>Biological Priority:</b> moderate	<b>Type:</b> on-going
Deploy better and more signage promoting conservation of grassland, shrub, early successional habitats, and their associated SGCN			
<b>Stressor(s) Addressed By This Conservation Action</b>			
Annual and Perennial Non-timber crops, Housing and Urban Areas			
<b>Conservation Action</b>	<b>Category:</b> Public Outreach	<b>Biological Priority:</b> moderate	<b>Type:</b> on-going
Promote better communication tools and training on grassland/shrub habitat conservation			
<b>Stressor(s) Addressed By This Conservation Action</b>			
Annual and Perennial Non-timber crops, Commercial and Industrial Areas , Housing and Urban Areas, Roads and Railroads, Utility and Service Lines			
<b>Conservation Action</b>	<b>Category:</b> Survey and Monitoring	<b>Biological Priority:</b> critical	<b>Type:</b> new
Research and identify explicit areas and amounts of grassland, shrub, and early successional habitats needed to conserve target SGCN			
<b>Stressor(s) Addressed By This Conservation Action</b>			
Annual and Perennial Non-timber crops, Commercial and Industrial Areas , Housing and Urban Areas, Utility and Service			
<b>Conservation Action</b>	<b>Category:</b> Survey and Monitoring	<b>Biological Priority:</b> high	<b>Type:</b> new
Map and distribute information on existing ruderal habitats likely to be high value for SGCN			
<b>Stressor(s) Addressed By This Conservation Action</b>			
Annual and Perennial Non-timber crops, Commercial and Industrial Areas , Housing and Urban Areas, Roads and Railroads, Utility and Service Lines			
<b>Conservation Action</b>	<b>Category:</b> Survey and Monitoring	<b>Biological Priority:</b> high	<b>Type:</b> new
Map potential ruderal habitats likely to be high value for SGCN			

## SGCN and Conservation Actions Associated with Habitat Groupings

### Habitat Grouping: Grassland-shrubland-early Successional

#### Stressor(s) Addressed By This Conservation Action

Annual and Perennial Non-timber crops, Commercial and Industrial Areas , Housing and Urban Areas, Roads and Railroads, Utility and Service Lines

<b>Conservation Action</b>	<b>Category:</b> Survey and Monitoring	<b>Biological Priority:</b> high	<b>Type:</b> on-going
Assist municipal efforts to identify key grassland, shrub, and early successional SGCN habitats			

#### Stressor(s) Addressed By This Conservation Action

Annual and Perennial Non-timber crops, Commercial and Industrial Areas , Housing and Urban Areas, Utility and Service Lines

### Species Conservation Actions:

Conservation actions that may benefit species associated with this habitat grouping can be found in Maine's 2015 Wildlife Action Plan: Element 1, Table 1-3. Click on the species of interest to launch a species based report summarizing relevant conservation actions and associated habitats.

*The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.*